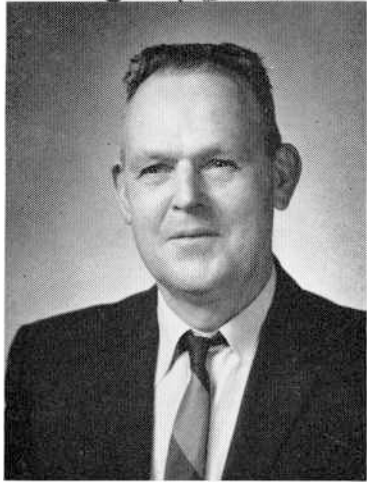


William T. Bailey, Process Maintenance, Is Only Retiree In Y-12 End Of April



William T. Bailey

William T. Bailey, Process Maintenance, is the only retiree in Y-12 for April. Bailey, a native of Rogersville, Tennessee, came to Y-12 January 5, 1953 . . . after almost a year at Oak Ridge National Laboratory.

He farmed for his mother in his youth at her farm in Church Hill. From 1921 until 1930 he was with the U.S. Gypsum Company, Gypsum, Ohio. He returned to the farm in 1930 and in 1942 went with the Tennessee Valley Authority. From 1943 until 1951 he was with the J. A. Jones Company, here in Oak Ridge.

The Bailey home is at Route 3, Poplar Springs Road, Kingston. Mrs. Bailey is the former Evelyn Marlow Edmonds. Mr. Bailey has six daughters, Thelma B. Guy, Okole B. Yeckley and Jewell B. Hembree, all of Port Clinton, Ohio; Coleen B. Hembree, Lenoir City; Raymona May, Fremont, Ohio; and June B. Bird, Loudon. A son Billy Joe Bailey lives in Fayetteville, North Carolina. There are two step-sons Billy and George Edmonds at home, and a step-daughter Alma Jenkins, Kingston. The Baileys proudly boast 20 grand-children and two great grand-children.

After a long rest at his Kingston home, the retiring Bailey plans to truck-farm around his Roane County home.

Friends and co-workers wish for him the best of luck!

E. H. Christy Leads Thermonuclear Seminar

E. H. Christy Jr., ORAU Graduate Fellow in the Thermonuclear Division, will conduct this week's seminar. His subject will be "Characteristics of Flutes in Electron-Cyclotron Plasmas."

The seminar is set for Thursday, April 28, at 9 a.m. in the TD Conference Room, Building 9201. 2.

Off-Job Accidents Is Target For May

Little Throckmorton was 12 years old before he knew his name wasn't "No, No."

The admonition for our parents in early life to be careful, however, is not enough. An epidemic you don't even notice is sweeping the country . . . off-the-job accidents.

For instance, accidents claim the lives of more children between ages one and 14 than the five leading diseases, says the National Safety Council.

Homes, themselves, are hazardous and until they are made fool-proof, accidents will continue to plague the human race. Falls, for example, are the most frequently occurring of all domestic accidents, accounting for the greatest proportion of the nation's 28,000 annual deaths in the home.

The entire month of May will be dedicated to the prevention of off-the-job accidents. The Safety Department is gearing its meetings to spearhead this drive. Each week in May, the Bulletin will feature a spread on home accidents . . . and their prevention.

In the mid-1960's in this country there were nine million work-related accidents in one year. Yet there were 22 million in American homes that same year. And as homes become more complicated, these accidents are expected to increase.

Just how "secure" is your home?

Correction Is Made In J. F. Harvey Story

A correction is made in the retirement story on John F. Harvey in March 30's Bulletin. A daughter, Mrs. Margaret R. Elam, Memphis; and two sons, Elkanah, Venezuela, and Albert, Fredericksburg, Virginia, are by a previous marriage to Mrs. Minnie Glass Harvey. Mrs. Harvey is a teacher in the Roane County school system. The Bulletin regrets the omission.

Instrument Society Meet Set Next For Wednesday

W. D. Burch, Chemical Technology, Oak Ridge National Laboratory, will speak next week on "Transuranium Program." He will address the Oak Ridge Section of the Instrument Society of America in its May meeting. The meeting is scheduled for next Wednesday, May 4, at the Holiday Inn, Oak Ridge. A social hour begins at 5:45 p.m. with dinner at 6:30.

Burch has a BS and MS degree in Chemical Engineering from the Missouri School of Mines. He has been associated with the Transuranium Project since 1961.

All ISA members and interested guests are invited to attend next week's meeting.

BARE TV KNOBS

Beware of knobless TV's. The metal parts on the front of television sets may carry dangerous charges of electricity. If the tuning knobs become lost or damaged, replace them immediately to reduce the chance of shock from the exposed metal shafts.



A. K. MASTERS, PROCESS MAINTENANCE, becomes the first "Family Safety" winner in the plant by correctly answering a question on an article stressing the dangers of installing a television antenna. Above he accepts his award from C. E. Johnson, head of the Safety Department.

A. K. Masters Takes Award For Phone Quiz From 'Family Safety' Magazine

"Family Safety," is sent to each employee's home. Our own Safety Department has been sponsoring a contest . . . calling at random some employee. A question from one of the articles is asked, and if the employee answers correctly, indicating he has read the article, he is given an award.

The first winner in the Family

Safety contest is A. K. Masters, Process Maintenance, who answered the phone himself . . . and correctly answered the question of the installation of television antennas.

Meanwhile, Safety says the contest is continuing. So keep posted on those articles. You or your family may be telephoned next.

In Memoriam

The death of Mrs. Clyde R. Miller, Janitors Department, is sadly recorded. Mrs. Miller died Tuesday, March 29, in a Knoxville Hospital. She had been employed in Y-12 since March 18, 1944.

The Miller home is at 125 Morningside Drive, Knoxville. Surviving are Mr. Howard H. Miller, husband, and son Frederick G. Miller.

Memorial services were held Saturday, April 2, at the Wheeler Funeral Home, Knoxville.

Friends and co-workers extend their deepest sympathy to the Miller family.

NON-SKID BATHTUBS

A new liquid formula said to take the slip out of the bottom of the tub or shower permanently without marring or discoloring the surface has been placed on the market. It is applied from two plastic squeeze bottles and rinsed away in five minutes. It interacts with the enameled surface to form a non-slippery finish.

FROZEN FANS

"Human beings may be frozen . . . then brought back to life later on," say some scientists. Football fans have realized this fact for years.

Group Insurance Pays \$1.8 Million In Claims

Employees in the three Nuclear Division plants in Oak Ridge last week shared \$137,760 in group insurance dividends. The checks were mailed to those participating in the Group Insurance Plan (group life, sickness and accident) for 1965.

In addition to this premium credit, employees and their families shared \$1,800,000 from the death benefits and sickness and accident provisions of the Plan. The premium credit for the previous year was \$122,000 and an additional \$1,850,000 paid in benefits.

The dividend for 1965 represented approximately 11.13 per cent return of premium payments for employees participating in the Plan.

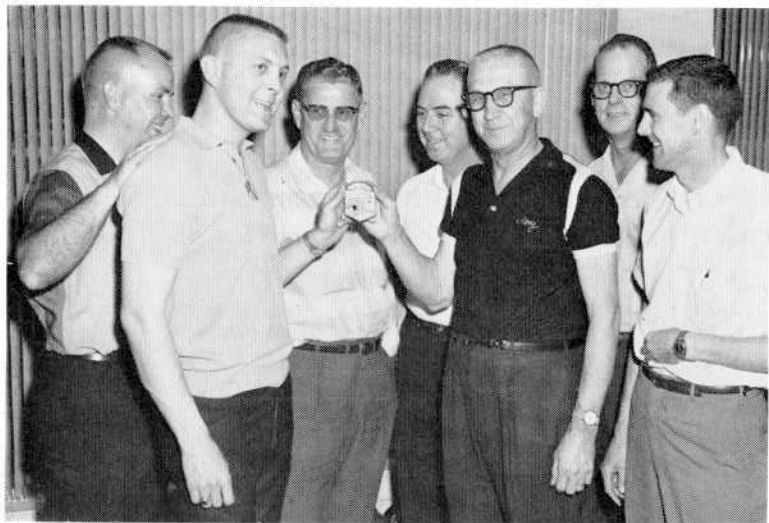
SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
52 Days or
1,417,000 Man-Hours
Through April 24
Without A Disabling
Injury
Phone 3-7755
(Unofficial Estimate)
For Daily Report
On Accident-Free Hours



A SALUTE TO BETA TWO DISPATCHING and their safety efforts in the plant. The group has not had a lost-time accident in over a year, and their conscientious program is a model for the entire plant. From left are C. W. Wise, B. L. Tishener, W. E. Weaver, Jack Johnson, D. D. Keith and J. Atwater.





THE CLASSIC BOWLING LEAGUE finished this week with its flashy roll-off. Before the final ball was rolled, however, Jim Davis, second from left, got an ABC patch for rolling three games in a row with the same score. Congratulating the triplcate-patch winner are Sewell Brown, Davis, Bob Martin, Jack McLenden, League Secretary Roy Roberts, R. S. Hopper, and Bobby Rutherford.

Bumpers Bump Swingsters By 38 Pins To Take Classic Bowling League Crown

The Classic League put the icing on the cake last week in a thrilling roll-off between the Swingsters and the Rounders... the Rounders winning by a mere 38 pins.

The Swingsters — Otis Rackley, J. B. Strickland, C. R. Lively, George Cantrell, and J. B. Fincher strong — took game number one 961 pins to 943. The Swingsters won the number two battle 938 to 931... and took the last one 964 to 915, strong enough to overcome the deficit.

The Bumpers, J. W. Halsey,

Elmer Green, J. L. Markland, C. W. Craven and Ray Galford, won the last half of league action... while the Swingsters won the first half.

Before game-time League Secretary Roy Roberts presented Elmer Green with a belt buckle from the American Bowling Congress for the most-improved player in the league.

High man of the roll-off was Ray Galford, rolling a 213 single scratch game... which got hiked to a 224 handicap score. His series of 595 scratch, 628 handicap took honors in that department also.

The third frame of the final tilt saw the Bumpers all strike, which is a boost to the old score!

Classic bowlers are already organized for a 16-team come-back next fall.

Today Is Deadline For Golf Race Entry

Today at 4:30 p.m. is the last call for duffers wishing to participate in Saturday's Golf Tournament at Lambert Acres.

Entry forms have appeared in the last two issues of the Bulletin. Foursomes will see their tee-off times drawn tomorrow, Thursday, at 8:30 a.m. The Recreation Department will telephone the four-some leader to give him the tee-off time in the debut of golf competition for the season.

Denver Jones Leads Table Tennis Set

ORNL's Denver Jones and Bob Bullock lead the current Table Tennis tournament in progress. The "one - crack - at - everybody" tournament started recently... as the two leagues completed action.

Jones began his sessions by defeating Charlie Goeking... then Loyd Wyatt... then lost to Bullock two to one. Last week he overcame A. J. Norris, Roger Pilloton and V. R. Uppuluri. Loyd Wyatt defeated Jones in the final bracket two to one.

Wyatt, who took the Y-12 honors all the way in the league, defeated Joe Lewin, Herbert Mook, Bullock and Jones.

Current tournament standings:

Player	Won
Denver Jones, ORNL	13
Bob Bullock, ORNL	12
Loyd Wyatt, Y-12	9
Herbert Mook, ORNL	6
Roy Huddleston, Y-12	5
V. R. Uppuluri	4
W. B. Motley, Y-12	3
Gordon Brewer, Y-12	3
A. J. Norris, Y-12	3
A. J. Weinberger, ORNL	2
Charles Goeking, ORNL	2
Roger Pilloton, ORNL	2
John Lushbough, ORNL	1
Joe Lewin, ORNL	0
Fred Schull, ORNL	0
F. Kertesz, ORNL	0

Y-12 22-Team Lags In Firing

Bert Searles fired high score for the Y-12 team in the 22 Calibre Rifle League last week, totaling a 284 scratch score. He was followed by B. L. Powers with a 283 and Jack Huff with 283 also.

Leading handicap firers was H. D. Whitehead with 290.845. Searles tallied a 289.981 and Dave DeWalt totaled 286.874.

Team firing was as follows: Scratch — Y-12, 1405; X-10, 1445, and Independents, 1454. Handicap scoring — Y-12, 1437.314; X-10, 1456.863; and Independents, 1462.380.

League standings follow:

Team	Points
Independents	30
X-10	26
Y-12	16

Tennis, Anyone?

The Recreation Department is issuing a call for tennis players for the summer. If anyone wishes to participate in the singles competition on the nets this summer, just give Recreation a ring, 3-7109. They'll be happy to fit you into the schedule.



RECENT SKEETERS in the Carbide Skeet Tournament firings include the three above 'regulars.' From left are F. S. Patton, R. A. Allstun, both of Y-12, and H. D. Wills, ORNL. May 1 is the next tournament set by the Skeet group.

Patton And Allstun Take First And Second Place In Spring Skeet Meet

April 17's Skeet Tournament brought Y-12er F. S. Patton to the foreground, as he fired a 48-536. R. A. Allstun, also of Y-12, topped in second with a 48.429 in the first official shoot of Spring.

ORNL's H. D. Wills followed in third place with a 47.978.

The next tournament for Carbide skeeters will be fired on Sunday, May 1. Firings commence at 1 p.m. at the Oak Ridge Sportsmen's Association. Under the present system each day is a complete contest under a handicap scoring system.

Any UCC employee interested in shotgun firing is invited to attend the meets. Shotguns may be borrowed at the field by those not having the necessary equipment.

Instructions in the fundamen-

FOR THE BIRDS

Chemical firms and pharmaceutical houses are studying a drug to curb the birth-rate of birds. Big cities are constantly waging war on the lowly pigeon.

tals of the art of skeet shooting is also available. New firers are always welcomed at the competitions.

Skeet Scores:

	H'Cap Score
R. A. Allstun, Y-12	48.429
C. Asmanes, Y-12	46.468
W. E. Brundage, ORNL	46.789
J. Lones, ORNL	47.600
F. S. Patton, Y-12	48.536
F. Welfare, ORNL	44.094
H. D. Wills, ORNL	47.978
W. J. Werner, ORNL	46.320

'Roman Candle' Playhouse Opus

"Roman Candle," a romance combined with a spoof on Pentagon politics and psychic power, opens at the Playhouse this weekend in Oak Ridge. The comedy will be presented Friday, Saturday, and Sunday, April 29, 30 and May 1... and repeated the following weekend May 6, 7 and 8. Curtain time Fridays and Saturdays is 8:20 p.m. and 8 p.m. Sundays.

Pete Dittner and Pat Dalton play the principal roles of the befuddled young scientist and the psychic young chick. Paul Ebert directs the complications of their involved courtship.

Playhouse season memberships for the 1966-67 season are available during the run of "Roman Candle," the final Playhouse drama of the current season.

Spring Dance Is Breath Of Spring

"Younger than Springtime" could have been in the theme of the recent Y-12 Dance.

A goodly crowd came out for the festivities to enjoy the tune-fest in the friendly atmosphere at the Oak Terrace in Oak Ridge.

Door prize winners included Daisy Ward, Production Assay (waffle iron); Mary Davis, Production Assay (electric carving knife); C. R. Wall, Fire Department (weather minder); Mrs. Nettie R. Menchhofer (husband, H. L., Machine Maintenance) a transistor radio; Ira J. Shotts, Timekeeping (ice cream freezer); and E. N. Rogers, Mechanical Inspection (badminton set).

Comments from those attending were the usually glad word that it was a "nice evening."

The staid, old dance-tunes seemed to be the order of the night... perhaps we're outgrowing the newer dance steps!

Recreation



Saturday, April 30

GOLF TOURNAMENT: 6 a.m.-on, Lambert Acres Golf Course, Maryville.

Sunday, May 1

SKEET TOURNAMENT: 1 p.m., Oak Ridge Sportsmen's Association Range.

Tuesday, May 3

PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gymnasium.

Wednesday, May 4

IN-DOOR RIFLE LEAGUE: 7 p.m., Anderson County Gun Club.



LONNIE NELSON, PROCESS MAINTENANCE, went turkey-shooting recently over at Catoosa... and bagged a pretty 15-pound tom. He ran home and got neighbor Ken Silva (a former Y-12er) and Ken got an 18-pounder that afternoon. Both are shown above with their big birds... Lonnie on the left, Ken on the right.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor

Member



Appalachian
Industrial
Editors' Association

OFFICE

Post Office Box Y
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Bldg. 9704-2 Room 137
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The "lazy days of May" have at last arrived. Right in the middle are many Y-12ers celebrating important landmarks with Union Carbide Corporation. Congratulations.

20 YEARS

Norman A. O'Neal, Chemical Services, April 28.

Chester I. Sweeney, Utilities Administration, April 28.

James A. McLain, Shift Superintendents, May 1.

Henry C East, Physical Testing, May 3.

15 YEARS

Warren D. Foust, Buildings, Grounds and Maintenance Shops, April 27.

Paul E. Woody, General Metal Fabrication Shop, April 27.

Jan V. Bibee, Electrical Department, April 27.

John C. Daniels, General Expediting and Auxiliary Services, April 27.

Miles C. Dansby, Janitors Department, April 27.

Homer D. Bozeman, Chemical Services, April 30.

Edith B. Duckworth, H-1 Foundry, April 30.

Lucian C. Peters, Production Analysis, April 30.

Roy B. Dunlap, Buildings, Grounds and Maintenance Shops, April 30.

Thomas E. McCarroll, Research Services, April 30.

Alonzo A. Curtis, Machine Maintenance, April 30.

Samuel C. Simmons, General Field Shops, April 30.

Newman H. Wise, General Machine Shop, April 30.

Samuel L. Gallman Jr., Gage Certification Laboratory, April 30.

Joseph D. Davis, General Machine Shop, April 30.

Louis M. Doney, Chemistry Development, April 30.

James R. Donahue, H-1 Foundry, May 1.

Roger R. Brotherton, Chemical Services, May 1.

Clark L. Newman Jr., General Field Shops, May 1.

Coyale F. Fuqua, Process Maintenance, May 1.

Robert L. Ludwig, Metallurgical Development, May 1.

William T. Coward, Research Services, May 2.

Floyd D. Bradburn, Buildings, Grounds and Maintenance Shops, May 3.

10 YEARS

Charles E. Rose, 9215 Rolling Department, April 30.

Billy A. Cochran, Electrical Department, April 30.

John C. Johnson, Specifications and Systems, April 30.

James E. Pickell, Dispatching Department, May 3.



Ride wanted from University of Tennessee area, Knoxville, to West Portal, straight day. Charles Reeves, plant phone 3-7735, home phone Kingston 376-6541.

Ride wanted from Pennsylvania Avenue section, Oak Ridge, to North or Central Portal, straight day. Louise Presley, plant phone 3-5241, home phone Oak Ridge 483-6012.

The fellow who thinks he knows it all is especially annoying to those of us who do.

Chemical Society Will Hear British Expert Speak Tonight On Electrophoresis

The analytical Group of the American Chemical Society will hold its April meeting tonight, Wednesday, April 27, at 8 p.m. The meeting will be held in Room three, East Building, ORAU (ORINS Special Training Building, near the AEC administration building). Dr. G. F. Reynolds, Loughborough University and Shandon Scientific Company, England, will speak on Recent Advances in Electrophoresis.

The principles of electrophoresis will be briefly described, together with details and scope of various electrophoretic techniques. Recent advances will be discussed, including high voltage electrophoresis, thin layer electrophoresis, polyacrylamide disc electrophoresis, gypsum block electrophoresis and chromatophoresis.

Dr. Reynolds was born in Twinbridge Wells, England. His early studies were interrupted by World War II in 1940. He served with the Royal Corps of Signals through the Normandy landings and the German surrender at Lüneburg. He returned to college in 1946, received his BSc in 1949, and his PhD from the University of London in 1960.

Until 1964, Dr. Reynolds was in charge of research instrumental methods of analysis for the Chemical Inspectorate, British Ministry of Supply. In 1964, he was appointed to the faculty of Loughborough University. In 1965, he was named Director of Research and Development for the Shandon Company.

Reynolds has specialized in electrochemistry, especially polarography, with strong interests in electrophoresis and other instrumental methods of analysis. He is a Fellow of the Royal Institute of Chemistry and a member of the Royal Society of Health.



G. F. Reynolds



Katy Kutkost
SEZ:

Some may argue to the contrary, but we think the Development Division is the most modest of all when it comes to bragging about their cost-saving accomplishments. Fortunately, Joe Williams is immodest enough to counteract maybe a dozen of his bashful buddies at 9202. For example, with the help of a gun in Ted Sprague's ribs, Joe got Ted to green-sheet a process improvement on pickling uranium alloys.

The original method was not sanitary since explosions in the nitric acid bath were encountered. Ted found that danger occurred only in alloys that had not been water-quenched in the gamma phase and that explosions could be prevented by the addition of fluoride to non-quenched material. (We mention this in case you're planning to perform this operation in your basement playroom.)

Ted's contribution eliminated the need to waste thousands of dollars of scrap material which wouldn't be salvaged otherwise. Thanks, Ted and Joe; if you're not using your gun next week, I have a brother-in-law giving me a little trouble.

SPECTACULAR NYLON

Since nylon was introduced some 26 years ago, total U.S. production has climbed to a spectacular 800 million pounds per year. Major nylon markets are tire cord, carpeting, apparel, industrial uses, and hosiery. Interestingly, hosiery, one of the first and best known uses of nylon, now consumes less than seven per cent of total U.S. output.

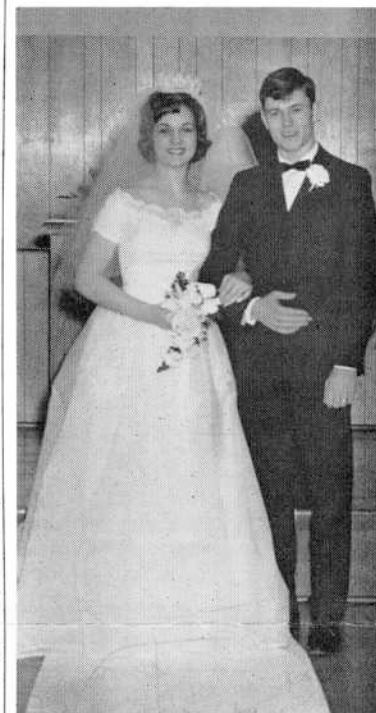


ANGELA RENEE BABB is the sparkle of laughter around the Jerry Babb household. Jerry, Dispatching, says little Angie was born last October . . . and this photograph was made when she was four months old.

Engineers, Management Group Honor Nuclear Division's Larson

'Personal Achievement, Company And Community Contributions Which Have Set Example To Others'

Clarence E. Larson, president of Union Carbide's Nuclear Division, was honored recently by the American Institute of Industrial Engineers, Inc., and the Society for the Advancement of Management for outstanding contribution in the field of research management.



Mr. and Mrs. Kenneth Sheffield

SHEFFIELD - DYE

A candlelight wedding Friday, April 8, united Miss Dottie E. Dye and Mr. Kenneth Edward Sheffield in marriage. The ceremony was held at 7 p.m. at the Freewill Baptist Church, Oak Ridge, with the Reverend Jerry Fields, pastor, officiating.

The bride is the daughter of Reverend and Mrs. Harley G. Dye, Route 1, Swords Creek, Virginia. The groom is the son of Mr. and Mrs. Edward L. Sheffield, Route 2, Oliver Springs. Mr. Sheffield is employed in Y-12's Process Maintenance, and is currently on loan to the Metallurgical Development Department.

Given in marriage by her father, the bride wore a gown of silk organza and aleon lace. She carried a cascading bouquet of white carnations centered with a white orchid on a white Bible.

Her maid-of-honor was her sister, Miss Mary Ann Dye. Other attendant was Miss Norma Valdes, Route 4, Harriman.

James E. Sheffield, Auburn University, served as his brother's best-man. Ushers were Len E. Hart Jr., David Lipscomb College, and Donnie White, Tennessee Technological University.

The bride attended the IBM School in Virginia and is currently working as a key punch clerk at the Oak Ridge National Laboratory. The groom is a graduate of Oliver Springs High School and is attending school at Tennessee Technological University.

The couple will make their home at Route 2, Oliver Springs.

A modern housewife is one that puts off today what her husband can do on the weekend.

The award was presented by Senator Ross Bass at the annual Management-Engineering Conference dinner meeting in Gatlinburg's civic auditorium Friday, April 22.

The presentation honors Larson for "his personal achievement and company and community contributions which have set an example for others in the management-engineering professions." He was selected for the award by more than 50 leaders of industry and organizations in this region.

Other Awards Given

Others to receive awards at the conference are: industry, W. D. Miller, vice president and general manager of Fulton Sylphon Division of Robertshaw Controls; education: Andrew D. Holt, president of the University of Tennessee; and government: S. R. Sapirie, manager of the Atomic Energy Commission's Oak Ridge Operations.

Larson has long been associated with the Oak Ridge nuclear installations, coming to Oak Ridge in 1943 as director of the technical staff; in 1946 became director of research and development in Y-12 and three years later was named superintendent here. In 1950 he transferred to Oak Ridge National Laboratory where he served as laboratory director for five years.

To New York Office

In 1955, he became vice president of research for National Carbon, a division of Union Carbide, and four years later moved to New York City as associate manager of research of the corporation.

In 1961, Larson returned to Oak Ridge as vice president of the Union Carbide Nuclear Division, in charge of the four nuclear energy installations in Oak Ridge and Paducah, Kentucky, operated by Union Carbide for the US AEC. He became president of the Nuclear Division last year.

The Nuclear Division president is the author of 16 scientific publications. Throughout his career he has been active in numerous technical societies, and in 1962 was made a Fellow of the American Nuclear Society. He is a member of the Board of Directors of the Oak Ridge Associated Universities, Inc., and a member of the ANS Board.

'Plowshare' Film Shows Peaceful Uses Of Atom

A new color motion picture which describes the safe use of nuclear explosions for civilian applications is now available to the public from the Atomic Energy Commission here.

Entitled "Plowshare," the 16mm film runs 28 minutes and is suitable for showing before both lay and professional level audiences. It is cleared for television. The film explains the various potential uses of nuclear explosions such as performing massive earth-moving excavation projects, mining and petroleum applications, and for utilization in scientific investigations.

"Plowshare" may be borrowed free of charge from the AEC's Motion Picture Library.